**Project Status Report**

|  |  |
| --- | --- |
| **Project Name** | Detect-O-Bot 1000 |
| **Team Members** | Alan Cranbury, Mark Mahony, Jack Morgan |
| **Report Date** | October 28, 2013 |

**Project Overall Status: Yellow**

The week was mostly spent ordering parts, gathering materials and waiting for parts to arrive. The week was not as productive as hoped, but time was spent catching up on other course work. We did however having a meeting regarding a more detailed design of the marking ejection system. We have a prototype disc pusher built out of lego, as well as the materials available to start creating the rest of the system. Progress was made on the design of our op-amp circuits. Some activities could not be worked on due to a lack of parts. We have decided to slide the project back a week. So all “Final Verification and Validation” will be performed in the last week along with integration.

**Activities – During the Past Week**

|  |  |  |
| --- | --- | --- |
| **Activity** | **Planned Completion Date** | **% Complete** |
| Start testing circuits | Friday, November 1, 2013 | 0 |
| Finish design of op-amp circuits. | Friday, October, 18, 2013 | 60 |
| Get the beaglebone to work with wifi. | Tuesday, October, 15, 2013 | 90 |
| Finish design of coil. | Friday, October, 18, 2013 | 50 |
| Order parts and ask Dave to see what’s available. | Tuesday, October, 15, 2013 | 85 |
| Finish incorporating camera streaming service into joystick software. | Friday, October 18, 2013 | 0 |
| Build Marking Ejection System | Friday, October 25, 2013 | 20 |
| Testing Marking Ejection System | Friday, November 1, 2013 | 0 |

**Activities Planned – For the Next Week**

|  |  |
| --- | --- |
| **Activity** | **Planned Completion Date** |
| Finish testing circuits | Friday, November 1, 2013 |
| Finish design of op-amp circuits. | Friday, November 1, 2013 |
| Get the beaglebone to work with wifi. | Friday, November 1, 2013 |
| Finish design of coil. | Friday, November 1, 2013 |
| Order parts and ask Dave to see what’s available. | Wednesday, October, 30, 2013 |
| Finish incorporating camera streaming service into joystick software. | Friday, November 1, 2013 |
| Build Marking Ejection System | Friday, November 1, 2013 |
| Testing Marking Ejection System | Friday, November 8, 2013 |
| Start testing circuits/sensors | Friday, November 8, 2013 |

**Outstanding Issues**

|  |  |  |  |
| --- | --- | --- | --- |
| **Issue** | **Responsibility** | **Date to be Resolved** | **Proposed Resolution** |
| Issues are the same as the activities planned for next week. | All | Friday, November 1, 2013 |  |
|  |  |  |  |
|  |  |  |  |

**Changes to Plan**

|  |  |  |
| --- | --- | --- |
| **Change** | **Date of Change** | **Impact to Project** |
| End dates of all design/testing of modules moved back a week. | October 28, 2013 | End date of the whole project remains the same, but integration will be done in the last week. |
|  |  |  |